



US Army Corps
of Engineers
Portland District

PUBLIC NOTICE for PERMIT APPLICATION

Issue Date: June 26, 2009

Expiration Date: July 26, 2009

Corps of Engineers Action ID: NWP-2008-424

30 Day Notice

Oregon Department of State Lands Number: 42257-GA

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States, as described below and shown on the attached plan.

Comments: Comments on the described work should reference the U.S. Army Corps of Engineers number shown above and should reach this office no later than the above expiration date of this Public Notice to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers
ATTN: CENWP-OP-GP (Mrs. Jaimee Davis)
P.O. Box 2946
Portland, Oregon 97208-2946

Applicant: Clackamas County Transportation & Development

Location: In the Clackamas River (River Mile 8) at the Clackamas River Bridge (aka Carver Bridge) in Carver, Clackamas County, Oregon (Section 13, Township 2 South, Range 3 East and Section 18, Township 2 South, Range 2 East)

Project Description: Clackamas County is proposing to replace the existing Carver Bridge over the Clackamas River. The new bridge will be built along the same alignment as the existing bridge to minimize impacts. The existing bridge has 8 spans totaling 500.5 feet in length, with a total bridge width of 37 feet 5 inches at the truss span and 33 feet 3 inches at the concrete approach spans. The proposed replacement bridge will be a 4-span structure with a width of 50 feet 3 inches to accommodate bike lanes and sidewalks on both sides of the bridge. The widening of the bridge and its approaches will create approximately 13,068 square feet of additional impervious surface area.

Currently, there is limited drainage along the existing roadways and most road runoff from the bridge is drained by 12 deck scuppers, which put stormwater directly into the Clackamas River. The new bridge will direct stormwater into a vegetated stormwater facility constructed on the north side of the Clackamas River and above the ordinary high water mark (OHWM).

Construction is tentatively scheduled to begin in April 2010 and be completed in December 2012. Construction will be carefully staged in order to maintain 2-way flow of traffic during the majority of the project and keep closures to a minimum. The Oregon Department of Fish and Wildlife (ODFW)'s in-water work window for this area is July 15 to August 31. Due to the relatively short in-water work window, the project will take 3 years to complete.

Three of the existing piers/bents to be removed (Piers 1 and 2 and Bent 3) are within the OHWM of the Clackamas River. Piers 1 and 2 are founded on concrete spread footings and Bent 3 is founded on treated timber piles under CIP concrete pile caps. The new structure will require one pier (Bent 2) within the OHWM of the Clackamas River. The bent will be supported on a concrete crossbeam and concrete columns, founded on three 6-foot-diameter concrete drilled shafts. The new pier will require approximately 191 cubic yards (cy) of fill. Rip rap will not be introduced below OHWM for this project. However, temporary removal and replacement of existing material will be necessary to allow the removal of Pier 1 and to maintain bank stabilization for the new bridge.

Overall, the applicant proposes to place approximately 438 cy of fill within the OHWM of the Clackamas River, but also estimates removing approximately 438 cy of fill. The applicant proposes placing and removing 31 cy of temporary fill in order to construct the detour bridge, work bridge and cofferdam.

The applicant proposes that mitigation for the project will be addressed through the removal of the 3 existing piers/bents from within OHWM. The removal of these structures will provide a permanent net gain of 110 square feet of substrate habitat. Also, the applicant proposes to donate fallen trees to ODFW and/or river restoration groups to help enhance salmonid habitat within the watershed. Because there are no wetland impacts associated with the project, the applicant is not proposing to do wetland mitigation.

If a permit is issued, the Corps will determine what is appropriate and practicable compensatory mitigation. The amount of compensatory mitigation required shall be commensurate with the anticipated impacts of the project.

Purpose: To replace the existing functionally obsolete Carver Bridge over the Clackamas River at River Mile 8.

Drawing(s): Six (6) drawings are attached.

Additional Information: Additional information may be obtained from Mrs. Jaimee W. Davis, U.S. Army Corps of Engineers at (503) 808-4390.

Authority: This permit will be issued or denied under the following:

Section 404, Clean Water Act (33 U.S.C. 1344), for discharge of dredged or fill material into waters of the United States.

Water Quality Certification: A permit for the described work will not be issued until certification, as required under Section 401 of the Clean Water Act (P.L. 95-217), has been received or is waived from the certifying state. Attached is the state's notice advertising the request for certification.

Section 404(b)(1) Evaluation: The impact of the activity on the public interest will be evaluated in accordance with the Environmental Protection Agency guidelines pursuant to Section 404(b)(1) of the Clean Water Act.

Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Endangered Species: Preliminary determinations indicate that the proposed activity may affect an endangered or threatened species or its critical habitat. Consultation under Section 7 of the Endangered Species Act of 1973 (87 Stat. 844) will be initiated. A permit for the proposed activity will not be issued until the consultation process is completed.

Cultural Resources: An initial evaluation of the proposed project area indicates that the permit area is likely to yield resources eligible for inclusion in the National Register of Historic Places. An investigation for the presence of potentially eligible historic properties is justified, and would be required prior to the Corps final permit decision.

The applicant states that a cultural resources and historic resources report is being prepared for submittal to the State Historic Preservation Office (SHPO). The applicant states that archaeological monitoring of geotechnical drilling occurred in late August 2008 due to concerns expressed by the Confederated Tribes of the Grand Ronde resources staff during the Corps' permit review.

This notice has been provided to the SHPO, interested Native American Indian Tribes, and other interested parties. If you have information pertaining to cultural resources within the permit area, please provide this information to the Corps project manager (identified on page 1 of this notice) to assist in a complete evaluation of potential affects.

Evaluation: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the described activity, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the described activity will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership and, in general, the

needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Additional Requirements: State law requires that leases, easements, or permits be obtained for certain works or activity in the described waters. These State requirements must be met, where applicable, and a Department of the Army permit must be obtained before any work within the applicable Statutory Authority, previously indicated, may be accomplished. Other local governmental agencies may also have ordinances or requirements, which must be satisfied before the work is accomplished.

PUBLIC NOTICE
Oregon Department of Environmental Quality (DEQ)
Water Quality 401 Certification

Corps of Engineers Action ID Number: NWP-2008-424

Notice Issued: June 26, 2009

Oregon Division of State Lands Number: 42257-GA

Written Comments Due: July 26, 2009

WHO IS THE APPLICANT: Clackamas County Transportation & Development

LOCATION OF CERTIFICATION ACTIVITY: See attached U.S. Army Corps of Engineers public notice

WHAT IS PROPOSED: See attached U.S. Army Corps of Engineers public notice on the proposed project

NEED FOR CERTIFICATION: Section 401 of the Federal Clean Water Act requires applicants for Federal permits or licenses to provide the Federal agency a water quality certification from the State of Oregon if the proposed activity may result in a discharge to waters of the state.

DESCRIPTION OF DISCHARGES: See attached U.S. Army Corps of Engineers public notice on the proposed project.

WHERE TO FIND DOCUMENTS: Documents and materials related to water quality issues as a result of the proposal are available for examination and copying at Oregon Department of Environmental Quality, 401 Water Quality Certification Coordinator, Northwest Region, 2020 S.W. 4th Avenue, Portland, Oregon 97201-4953. Other project materials are available by contacting the Corps per the attached public notice.

While not required, scheduling an appointment will ensure that water quality documents are readily accessible during your visit. To schedule an appointment please call DEQ Water Quality at Northwest Region at (503) 229-5552.

Any questions on the water quality certification process may be addressed to the 401 Program Coordinator at (503) 229-6030 or toll free within Oregon at (800) 452-4011. People with hearing impairments may call DEQ's TTY at (503) 229-6993.

PUBLIC PARTICIPATION:

Public Hearing: Oregon Administrative Rule (OAR) 340-48-0032 (2) states that "The Corps provides public notice of and opportunity to comment on the applications, including the application for certification, provided that the department (DEQ), in its discretion, may

discretion, may provide additional opportunity for public comment, including public hearing.”

Written comments:

Written comments on project elements related to water quality must be received at the Oregon Department of Environmental Quality by 5 p.m. on the date specified in the upper right section on page one of this notice. Written comments may be emailed, mailed or faxed as described below:

Email - 401publiccomments@deq.state.or.us

Mail - Oregon Department of Environmental Quality, Northwest Region
2020 S.W. 4th Avenue
Portland, Oregon 97201-4953
Attn: 401 Water Quality Certification Coordinator

Fax - (503) 229-6957

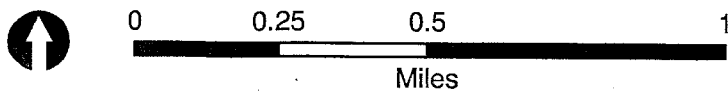
People wishing to send comments via e-mail should send them in Microsoft Word (through version 7.0), WordPerfect (through version 6.x) or plain text format. Otherwise, due to conversion difficulties, DEQ recommends that comments be mailed in hard copy.

WHAT HAPPENS NEXT: DEQ will review and consider all comments received during the public comment period. Following this review, certification of the proposal may be issued as proposed, issued with conditions, or denied. You will be notified of DEQ's final decision if you submit comments during the comment period. Otherwise, if you wish to receive notification, please call or write DEQ at the above address.

ACCESSIBILITY INFORMATION: This publication is available in alternate format (e.g. large print, Braille) upon request. Please contact DEQ Office of Communications and Outreach at (503) 229-5317 or toll free within Oregon at 1-800-452-4011 to request an alternate format. People with a hearing impairment can receive help by calling DEQ's TTY at (503) 229-6993.



Clackamas River Bridge



NOT FOR ADVANCE INSTRUCTION

Corporate Office:
920 COUNTRY CLUB ROAD, SUITE 1008
EUGENE, OREGON 97401-6089

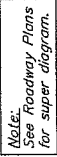
CLACKAMAS COUNTY, OREGON
CLACKAMAS RIVER BR. (SPRINGWATER RD)



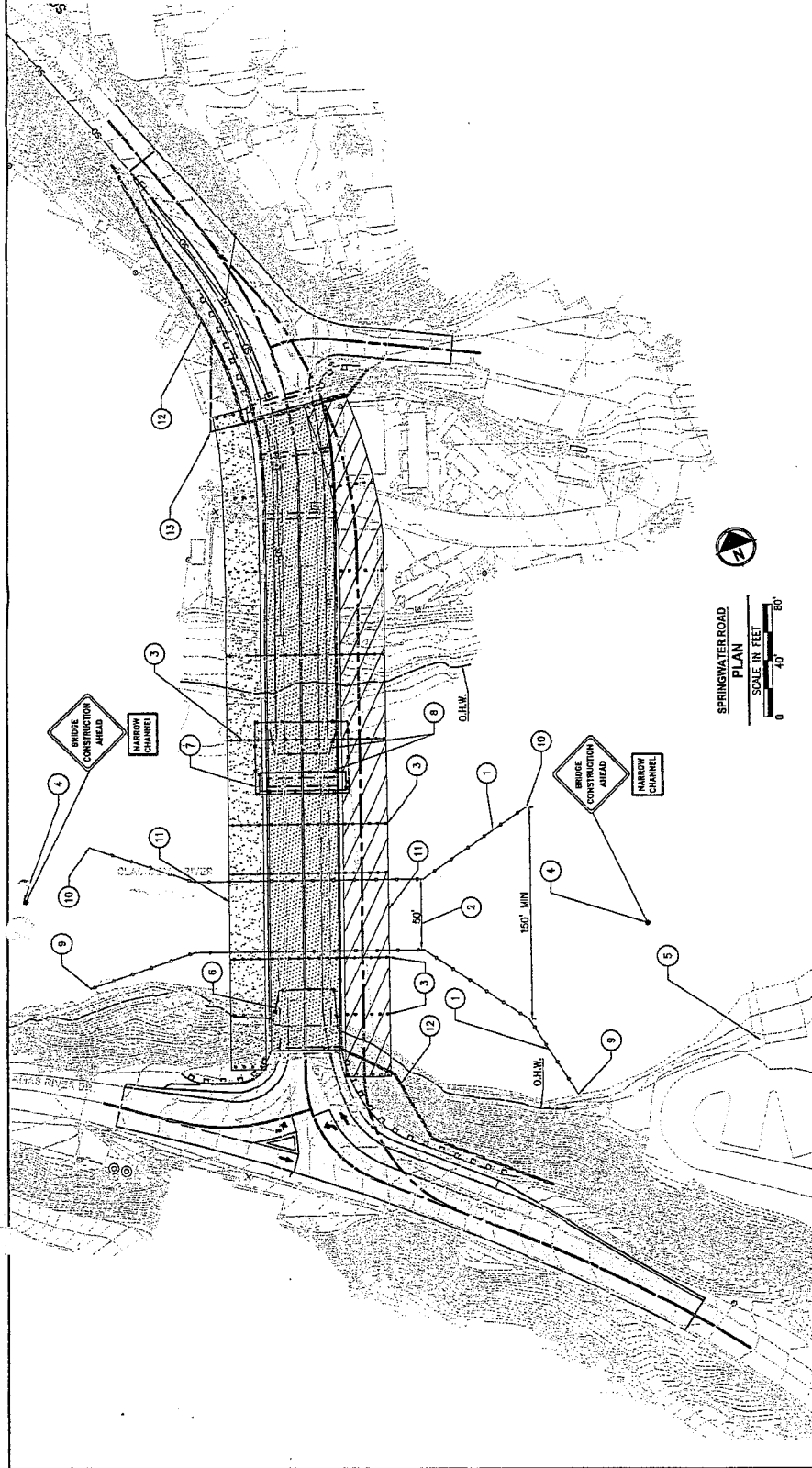
CLACKAMAS
COUNTY

1 OF 31

SHEET
NO. 501



Accompanied by Dwgs.: BR135, BR136, BR145, BR165, BR216, BR220, BR350, BR422 & BR445.

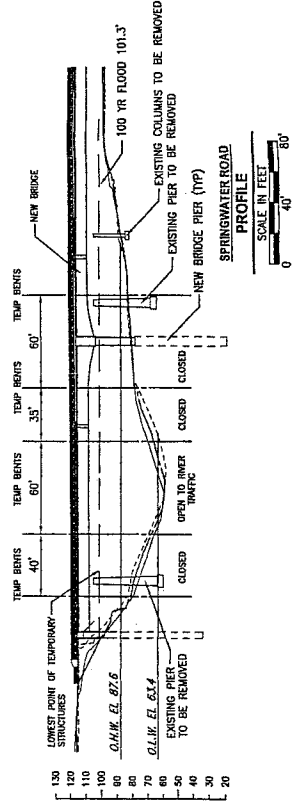
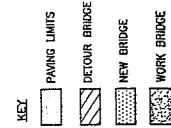


NOTES:

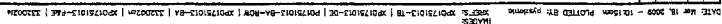
1. CONSTRUCT BUOY LINE TO GUIDE PITS AND BARRIERS THROUGH WORK AREA DURING ALL STAGES.
2. RECREATIONAL CHANNEL CLEARANCE, LOWEST POINT ON TEMPORARY STRUCTURES TO BE AT ELEVATION 67.5' AT O.H.W. (100 YR FLOOD).
WIDTH = 30'
HEIGHT = 13.7' AT O.H.W. (67.5')
37.5' AT O.H.W. (63.4')
DEPTH = 3.55' AT O.H.W. (63.4')
3. TEMPORARY PILING BELOW O.H.W. FOR WORK BRIDGE AND DETOUR STRUCTURE.
4. INSTALL BUOY-MOUNTED TEMPORARY SIGN AS DIRECTED BY CLACKAMAS RIVER MARINE PATROL.
5. INSTALL INFORMATIONAL SIGN AT CARVER PARK BOAT RAMP. ADDITIONAL SIGN TO BE INSTALLED AT BARTON PARK BOAT RAMP - SEE CONTRACT SPECIAL PROVISIONS.
6. COFFERDAM FOR DEMOLITION AND REMOVAL OF EXISTING PIER.
7. COFFERDAM FOR REGULATION AND REMOVAL OF EXISTING PIER AND CONSTRUCTION OF DRILLED SHALTS FOR NEW BRIDGE.
8. ALTERNATE LOCATION OF COFFERDAM FOR NEW BRIDGE CONSTRUCTION. SEPARATE COFFERDAM OR OTHER ISOLATION MEASURES DEPENDING ON RIVER CONDITIONS FOR REMOVAL OF EXISTING PIER.
9. INSTALL RED ATON BUOY PER USCG.
10. INSTALL GREEN ATON BUOY PER USCG.
11. INSTALL LIGHTS ON DETOUR BRIDGE AND WORK BRIDGE TO PROVIDE ILLUMINATION OF TEMPORARY NAVIGATION CHANNEL - SEE CONTRACT SPECIAL PROVISIONS.
12. NEW PERMANENT RETAINING WALL.
13. TEMPORARY RETAINING WALL FOR WORK BRIDGE.

ANTICIPATED SCHEDULE (ACTIVITIES MAY VARY)

- JULY 15 - AUGUST 31 (2010) INSTALL ALL PILE FOR WORK BRIDGE AND DETOUR STRUCTURE BELOW O.H.W., INSTALL COFFERDAMS TIME PERMITTING.
- JULY 15 - AUGUST 31 (2011) INSTALL PILE FOR DEMOLITION OF EXISTING BRIDGE, COMPLETE COFFERDAM INSTALLATION.
- JULY 15 - AUGUST 31 (2012) REMOVE ALL TEMPORARY PILE AND COFFER DAM BELOW O.H.W.



CLACKAMAS RIVER BRIDGE SPRINGWATER LOCATION TYPE, SIZE AND LOCATION CLACKAMAS COUNTY, OREGON	
PROJECT NAME CLACKAMAS RIVER BRIDGE SPRINGWATER LOCATION TYPE, SIZE AND LOCATION CLACKAMAS COUNTY, OREGON	DRAWING NO. OF 30



- ① INSTALL UNSUPPORTED SEDIMENT FENCE
- ② INSTALL FLOATING SEDIMENT BARRIER DURING REMOVAL OF EXISTING BRIDGE PIER AND CONSTRUCTION OF NEW PIER. IN-WATER ISOLATION STRUCTURE TO BE DESIGNED BY CONTRACTOR

DRAWING NO. OF 30	C14
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PROJECT NAME
CLACKAMAS RIVER BRIDGE
SPRINGWATER ROAD
CLACKAMAS COUNTY, OREGON

Parametrix

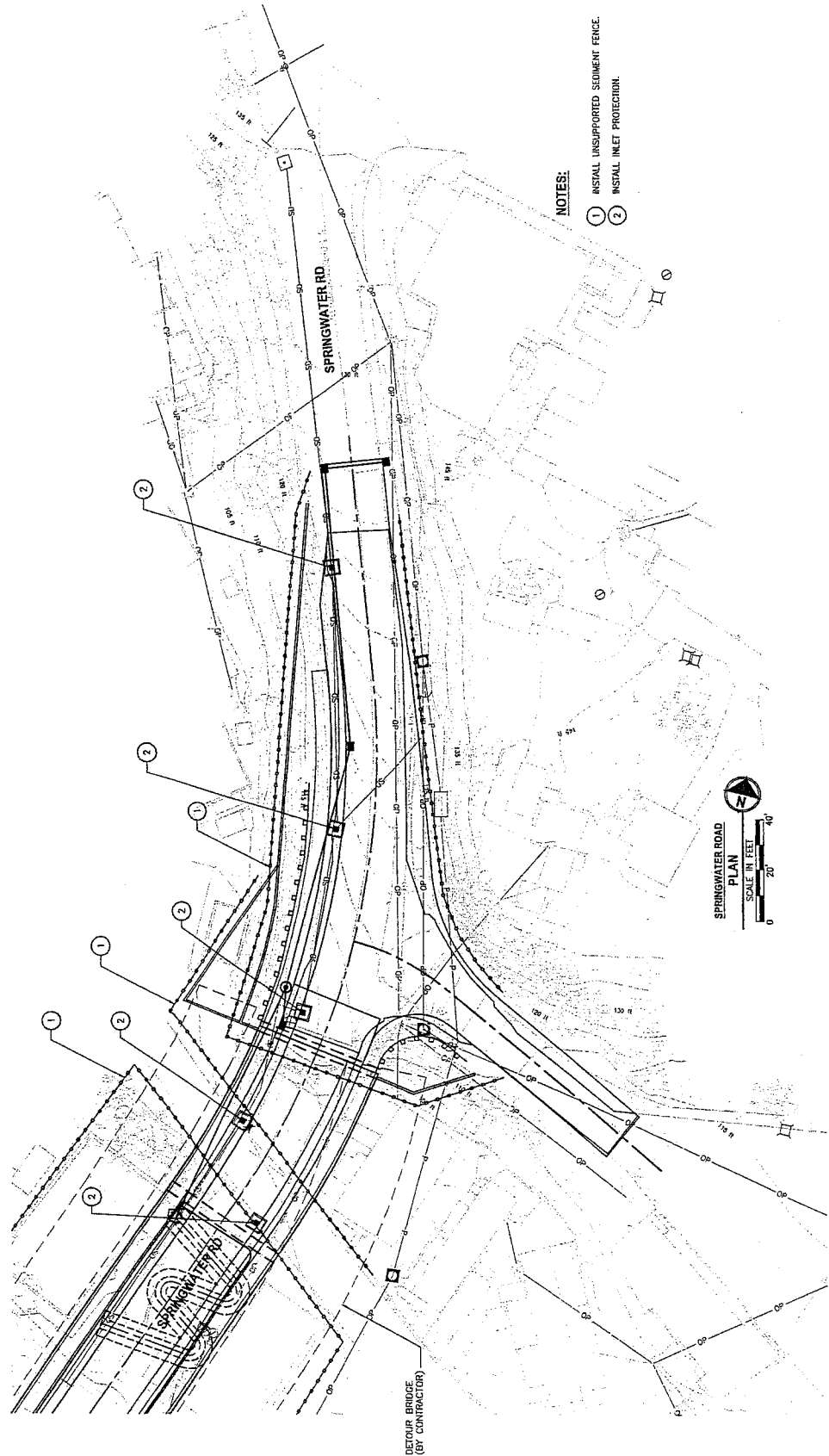
2015 E. 15th Avenue, Suite 100
Portland, Oregon 97232
P: 503.333.7410 F: 503.233.4603
www.parametrix.com

REGISTERED, PLANNING, ENVIRONMENTAL SCIENCES

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME: PO1751013-C14
JOB NO. 300 No
DATE 274-1751-013

REVISIONS	DATE	BY	DESIGNED BY
			M. PYSZKA
			DRAWN BY
			J. KOOPMANN
			CHECKED
			APPROVED



NOTES:

- 1 INSTALL UNSUPPORTED SEDIMENT FENCE.
- 2 INSTALL INLET PROTECTION.

**SPRINGWATER ROAD
PLAN**
SCALE IN FEET
0 20' 40'

60 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

PROJECT NAME CLACKAMAS RIVER BRIDGE SPRINGWATER ROAD CLACKAMAS COUNTY, OREGON		GRADING MS OF 30 C15
Parametrix <small>REGISTERED PROFESSIONAL ENGINEER STATE OF OREGON, LICENSE NO. PE 123456789 1000 NE 10TH AVE, SUITE 200 PORTLAND, OREGON 97232</small>		
ONE INCH EQUAL TO 40 FEET PROJECT NO. 2007-178-013 DATE: JANUARY 2010		
DESIGNER M. P. JENNA	CHECKED J. KOOPMANN	DATE 1/10/10
BY M. P. JENNA	APPROVED J. KOOPMANN	DATE 1/10/10

**GRADING AND EROSION
CONTROL PLAN**
Figure 6.3